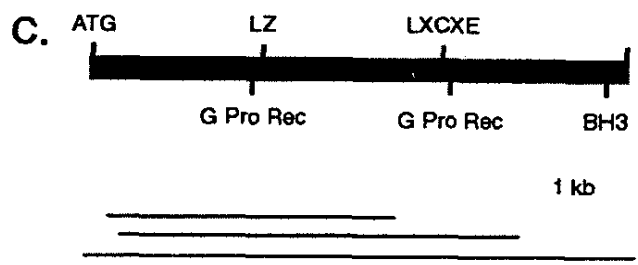
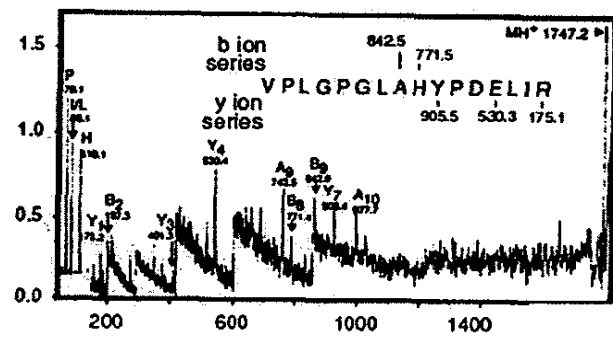
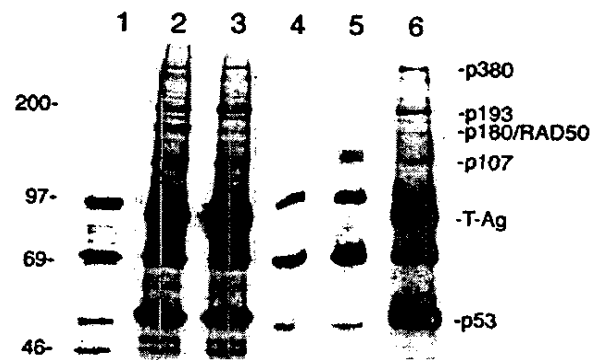
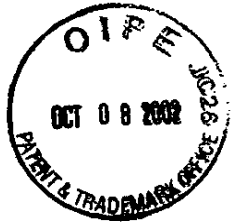




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# Figure 1





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## FIGURE 2

**a.**

MV	G	L	R	Y	R	E	F	R	V	<u>P</u>	<u>L</u>	<u>G</u>	<u>P</u>	<u>G</u>	<u>L</u>	<u>H</u>	<u>A</u>	<u>Y</u>	<u>P</u>	<u>D</u>	<u>E</u>	<u>L</u>	<u>I</u>	<u>R</u>	<u>Q</u>	<u>R</u>	<u>V</u>	<u>G</u>	<u>H</u>	<u>N</u>	<u>G</u>	<u>H</u>	<u>P</u>	<u>E</u>	<u>Y</u>	<u>Q</u>	<u>I</u>	<u>R</u>	<u>W</u>	<u>L</u>	<u>I</u>	<u>L</u>	<u>R</u>	<u>R</u>	<u>G</u>	<u>D</u>		50				
G	D	R	D	S	T	V	G	D	C	K	A	E	H	I	L	L	W	M	S	D	D	E	I	Y	A	N	C	H	K	M	L	G	E	N	Q	Q	V	I	A	P	S	R	E	S	T	E	A	G	A	L		100
D	K	S	V	L	G	E	M	E	T	D	V	K	S	L	I	Q	R	A	L	R	Q	L	E	E	C	V	G	T	P	P	A	P	L	L	H	T	V	H	V	L	S	A	T	E	P		150					
L	T	G	I	F	K	D	R	R	V	N	L	M	H	M	L	S	S	P	D	Y	Q	I	R	W	S	A	G	R	M	I	Q	A	L	S	H	D	A	G	T	R	T	Q	I	L	S		200					
L	S	Q	Q	E	A	I	E	K	H	L	D	F	D	S	R	C	A	L	L	A	F	A	Q	A	T	L	T	E	H	P	M	S	F	E	G	V	Q	L	P	Q	V	P	G	R	L	L	S		250			
L	V	K	R	Y	L	H	V	T	F	L	D	R	L	N	G	D	A	G	D	Q	Q	A	Q	N	N	F	S	P	E	E	L	N	V	G	R	G	R	L	E	L	E	F	S	M	A	M	G	T		300		
L	I	S	E	L	V	Q	A	M	R	W	D	G	A	S	S	R	P	E	S	S	S	S	T	F	Q	P	R	P	A	E	F	R	Y	T	Q	R	F	R	S	R	R	F	R	P	R	A		350				
S	F	A	S	F	N	T	A	L	Y	V	R	D	T	L	R	P	G	M	R	V	M	L	E	N	Y	E	E	I	A	A	G	D	E	G	Q	F	R	S	N	D	G	V	P	P	A	Q		400				
V	L	W	D	S	T	G	H	T	Y	V	W	H	M	L	E	I	G	F	E	E	I	D	E	I	D	I	E	B	E	L	Q	E	L	G	A	N	G	A	L	S	I	V	P	P	S		450					
Q	R	W	K	P	I	T	Q	L	F	A	E	P	Y	V	V	P	E	E	D	R	E	E	S	E	N	L	T	Q	A	E	W	W	E	L	L	F	F	I	R	Q	L	S	E	A	E	R	L	H		500		
I	V	D	L	L	Q	D	H	L	E	E	B	E	R	V	L	D	Y	D	M	L	P	E	L	T	V	P	V	D	L	A	Q	D	L	L	S	L	P	Q	Q	E	D	S	A	L	R	D	F		550			
S	C	S	V	Y	R	K	Y	G	P	E	V	L	V	G	H	L	S	Y	P	F	V	P	G	A	Q	P	N	L	F	G	A	N	E	S	E	A	K	D	P	P	L	Q	S	A	S	P	A	L		600		
Q	R	L	V	E	S	L	G	P	E	G	E	V	L	E	Q	A	L	G	S	E	A	P	E	T	E	V	K	S	C	L	L	Q	L	Q	E	Q	P	F	L	A	L	M	R		650							
S	L	D	T	S	A	N	K	T	L	H	L	T	V	L	R	I	L	M	Q	L	V	N	F	P	E	A	L	L	P	W	H	E	A	M	D	A	C	T	V	L	R	S	P	N	T		700					
R	E	V	L	Q	E	L	I	F	F	L	H	R	L	T	T	S	R	D	Y	A	V	I	L	N	Q	H	G	A	R	D	A	I	S	K	V	L	E	K	H	R	G	K	L	E	L	A	Q	E		750		
L	R	D	M	V	S	K	C	E	K	H	A	H	L	Y																																						

**b.**

p193: LKAHGDE  
Hrk: LKALGDE  
Bim: LRRIGDE  
Bik: LACIGDE  
Bid: LAQIGDE  
Blk: LACIGDE  
EGL-1: LAAMCDD  
BAD: LRRMSDE  
BNIP-3: LKKNSDW



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## Figure 3

a.

Pro.  
 T-Ag IP  
 myc IP  
 Cont IP

myc



b.

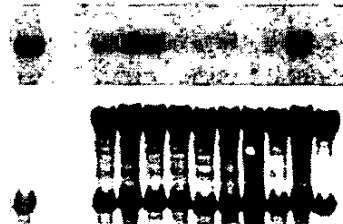
IVT.p193  
 T-Ag  
 Tot. Pro  
 T-Ag  
 Cont.

p193  
 (Autorad)

-200

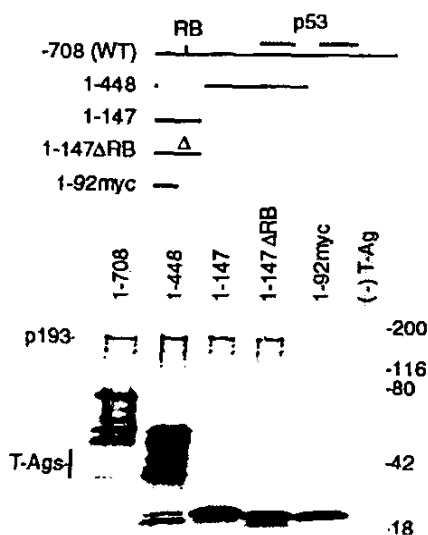
T-Ag  
 (Western)

ea  
 dney  
 Liver  
 Lung  
 Sk. Mi  
 Skin  
 S  
 Teste





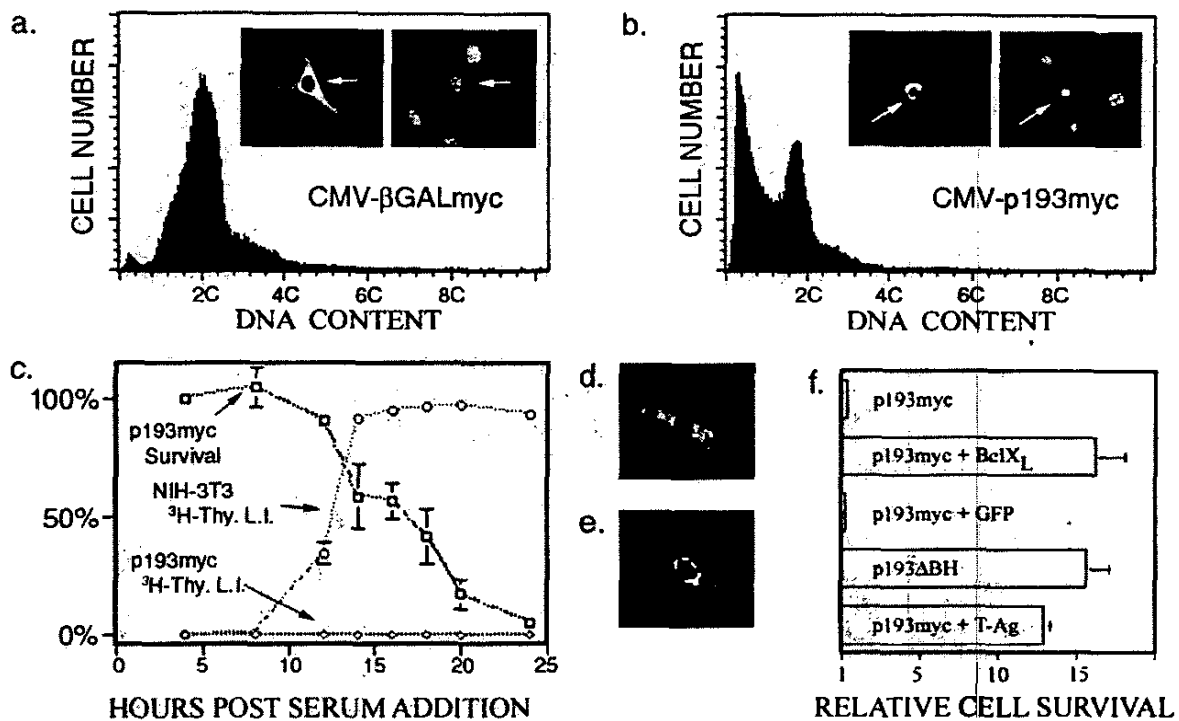
### Figure 4





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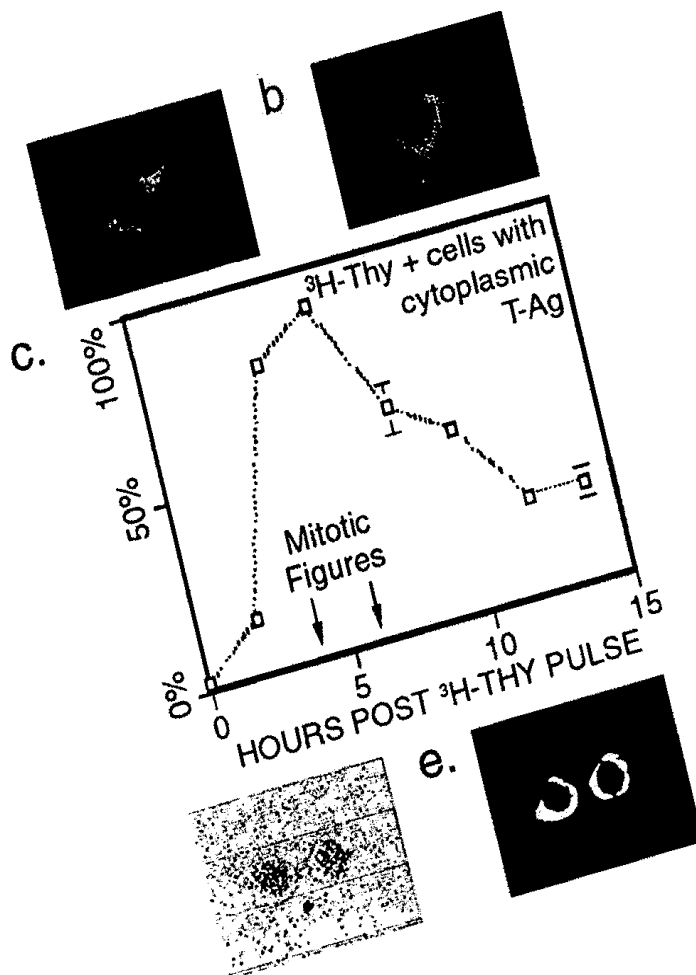
Figure 5.

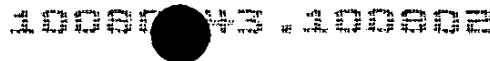




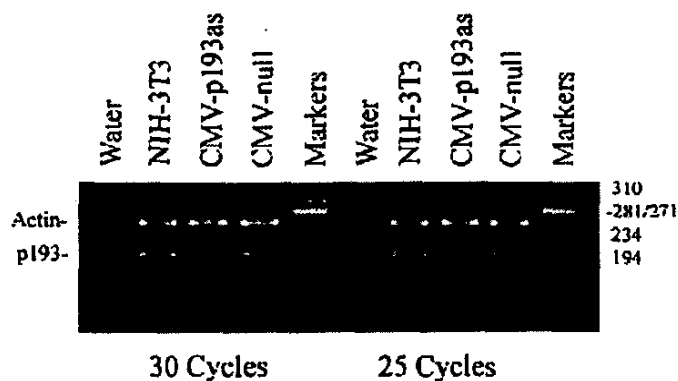
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# Figure 6





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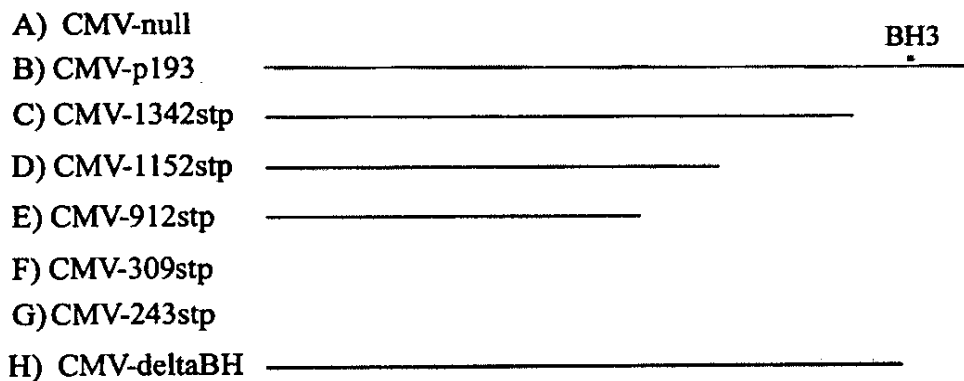




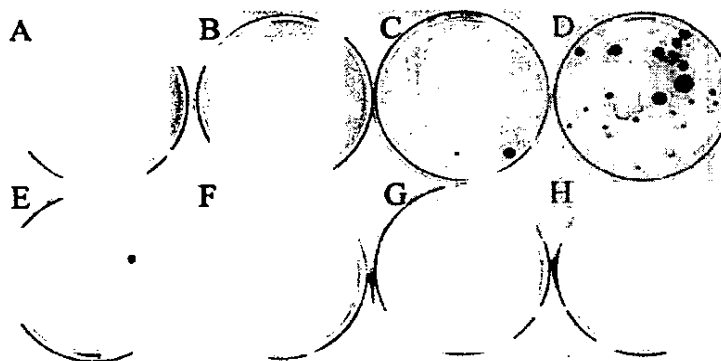
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## Figure 8.

Structure of CMV expression vectors with nested p193  
 C-terminal truncations.



Colony growth assay.



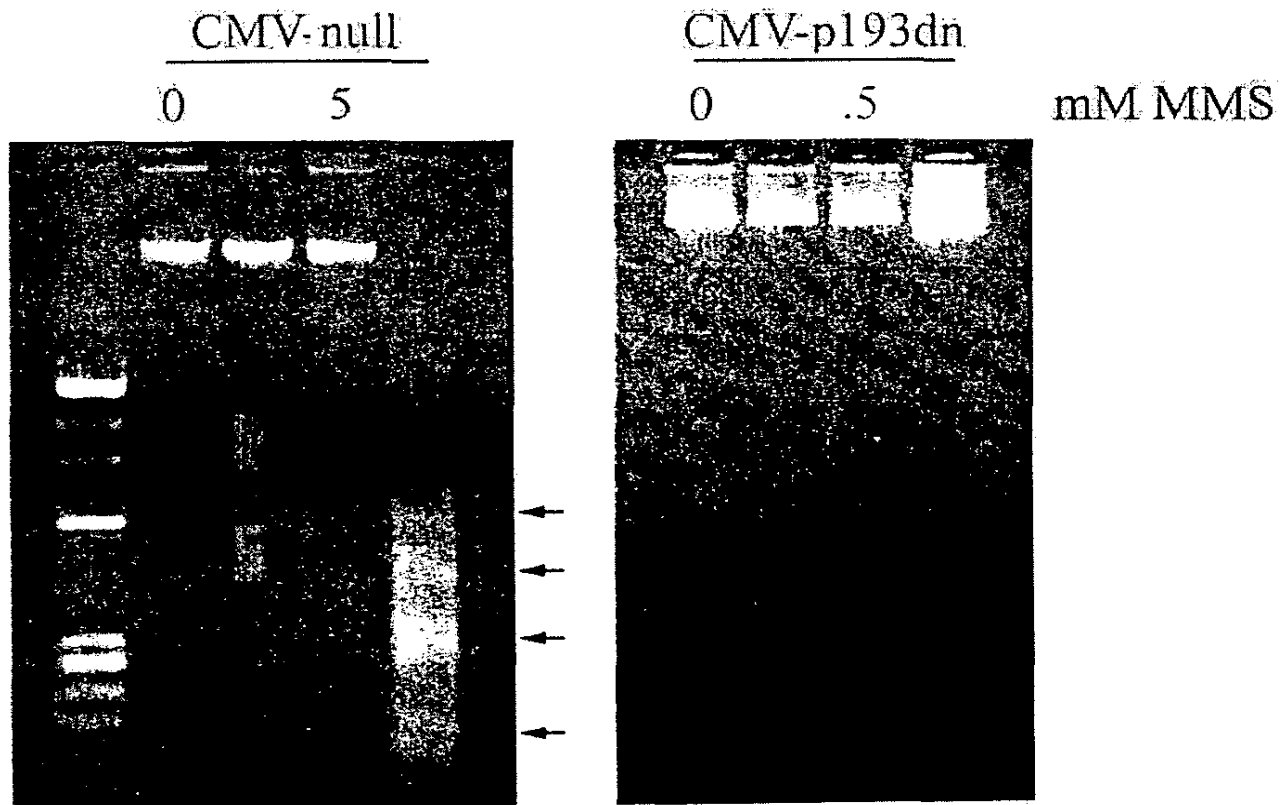




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Figure 8C

p 93dn Blocks MMS induced Apoptosis  
 in NIH 3T3 Cells

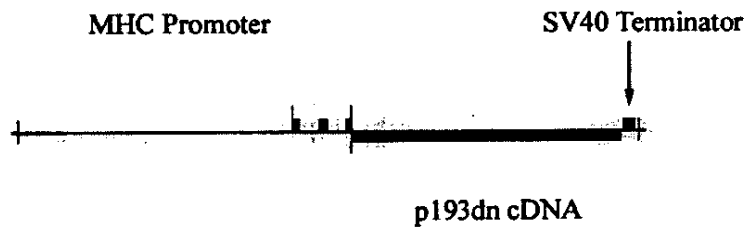


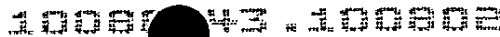


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## Figure 9.

### MHC-p193dn Transgene





1  
2  
3  
4  
5  
6  
7  
8  
9  
10

Figure 10.

**Northern Blot of transgene expression in MHC-p193dn transgenic mice**





10000143 1000002

Figure 11.

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A.



B.



C.



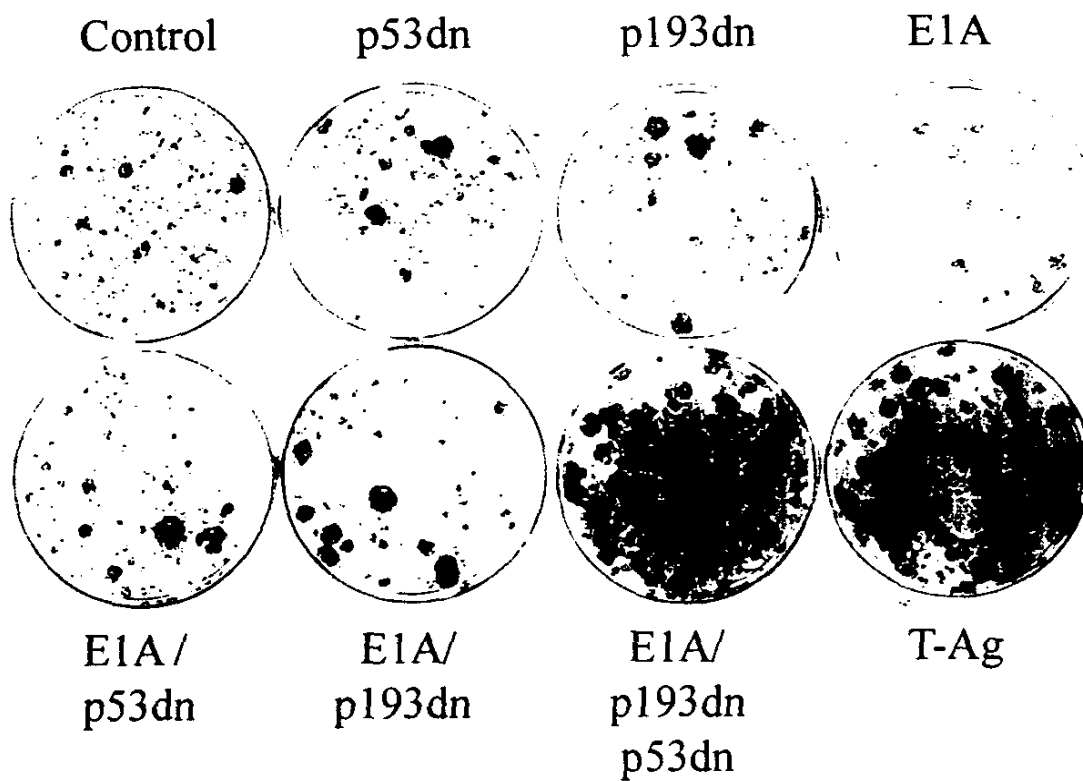
D.





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# Figure 12

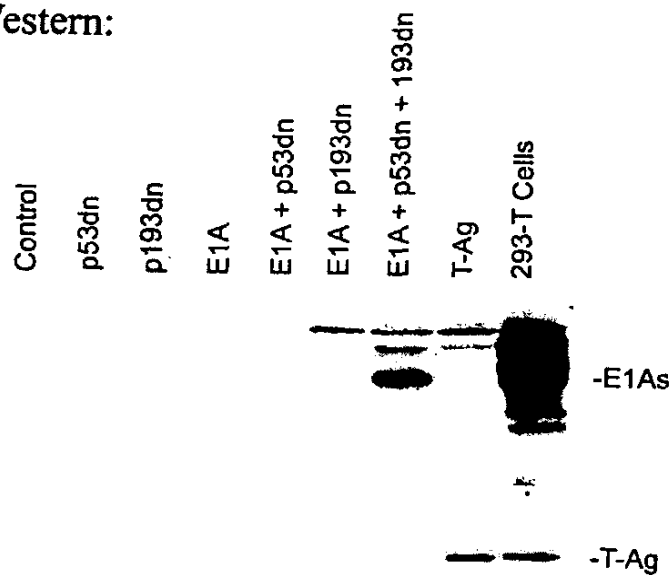




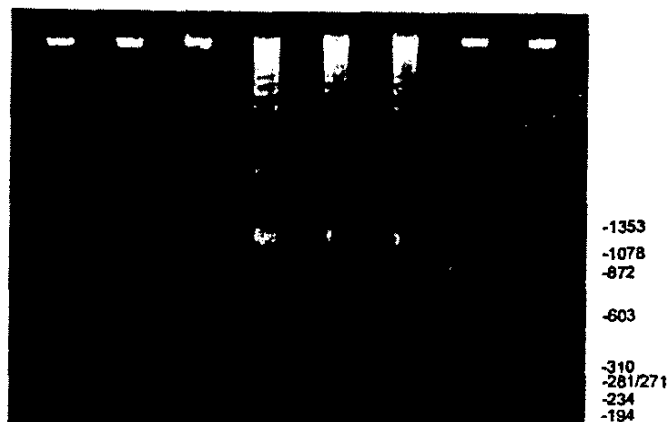
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## Figure 13

### A) Western:



### B) DNA Fragmentation:



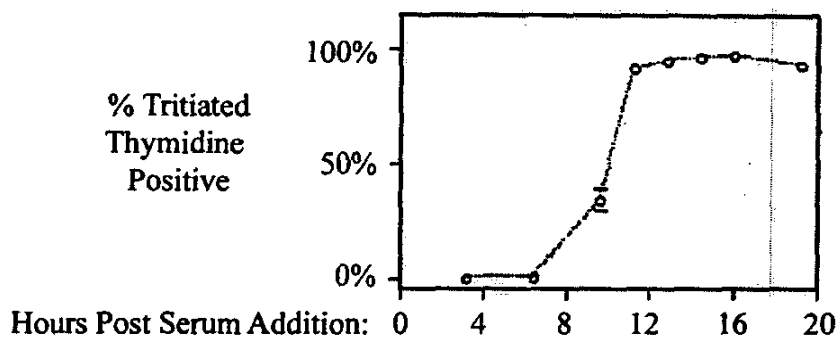


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## Figure 14

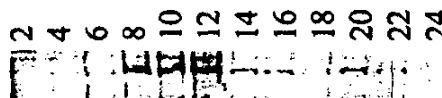
p193 is Expressed in G<sub>1</sub>/S of the Cell Cycle:

### A) Cell Cycle Synchronization:



### B) Western Analysis of p193 Expression:

Hours Post Serum Addition:



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### Figure 15

**Isoproterenol induces growth in cardiomyocytes which co-express p193dn and p53dn.**

- ISO

+ ISO

